determining information about a radiation pattern of a radar beam, wherein the radar beam uses a bandwidth;

determining based on the information about the radiation pattern whether a channel using at least a portion of the bandwidth is or is not available for access by mobile devices; and

transmitting to the mobile devices one or more specific broadcast frames by a wireless access node configured to advertise whether the channel is or is not available for access by the mobile devices.

10. The apparatus of claim **9**, wherein transmitting further comprises periodically transmitting the one or more specific broadcast frames, wherein a period of transmission is based at least on change in position in azimuth or elevation angle of the radar beam.

11. The apparatus of claim **10**, wherein the access is contention-based access, and wherein a current specific broadcast frame is configured to advertise whether the channel is or is not available for access by comprising a value indicating whether a mobile device may perform one or more transmissions, if contention for the channel is won by the mobile device, that will cross a time at which a subsequent specific broadcast frame is scheduled to be transmitted based on the period or cannot perform the one or more transmissions that will cross the time at which the subsequent specific broadcast frame is scheduled to be transmitted.

12. (canceled)

13. (canceled)

14. (canceled)

15. The apparatus of claim **9**, wherein the one or more memories and the computer program code are further configured, with the one or more processors, to cause the apparatus to perform at least the following: transmitting at least some of the information about the radiation pattern of the radar beam in beacon and probe response frames.

16. A method, comprising:

receiving one or more specific broadcast frames configured to advertise whether a channel is or is not available for access, wherein the channel uses at least a portion of bandwidth used by a radar beam;

in response to determining the one or more specific broadcast frames advertise that the channel is available for access, accessing the channel; and

in response to determining the one or more specific broadcast frames advertise that the channel is not available for access, not accessing the channel.

17. The method of claim **16**, wherein:

accessing the channel comprises contending for access to the channel; and

not access the channel comprises not contending for access to the channel.

18. The method of claim **16**, wherein receiving further comprises periodically receiving the one or more specific broadcast frames, wherein a period of reception is based on rotation of the radar beam.

19. (canceled)

20. The method of claim **18**, wherein the access is contention-based access, and wherein the method is performed by a mobile device and wherein a current specific broadcast frame is configured to advertise whether the channel is or is not available for contention-based access by comprising a value indicating whether the mobile device may perform one or more transmissions, if contention for the channel is won by the mobile device, that will cross a time at which a subsequent specific broadcast frame is scheduled to be transmitted based on the period or cannot perform the one or more transmissions that will cross the time at which the subsequent specific broadcast frame is scheduled to be transmitted.

21. (canceled)

22. (canceled)

23. (canceled)

24. The method of claim **16**, further comprising receiving information about a pattern of the radar beam in beacon and probe response frames.

25. A computer program product comprising a computer-readable storage medium bearing computer program code embodied therein for use with a computer, the computer program code comprising code for performing the method of claim **16**.

26. An apparatus, comprising:

one or more processors; and

one or more memories including computer program code,

the one or more memories and the computer program code configured, with the one or more processors, to cause the apparatus to perform at least the following:

receiving one or more specific broadcast frames configured to advertise whether a channel is or is not available for access, wherein the channel uses at least a portion of bandwidth used by a radar beam;

in response to determining the one or more specific broadcast frames advertise that the channel is available for access, accessing the channel; and

in response to determining the one or more specific broadcast frames advertise that the channel is not available for access, not accessing the channel.

27. The apparatus of claim **26**, wherein:

accessing the channel comprises contending for access to the channel; and

not access the channel comprises not contending for access to the channel.

28. The apparatus of claim **26**, wherein receiving further comprises periodically receiving the one or more specific broadcast frames, wherein a period of reception is based on rotation of the radar beam.

29. (canceled)

30. The apparatus of claim **28**, wherein the access is contention-based access, wherein the apparatus is a mobile device, and wherein a current specific broadcast frame is configured to advertise whether the channel is or is not available for contention-based access by comprising a value indicating whether the mobile device may perform one or more transmissions, if contention for the channel is won by the mobile device, that will cross a time at which a subsequent specific broadcast frame is scheduled to be transmitted based on the period or cannot perform the one or more transmissions that will cross the time at which the subsequent specific broadcast frame is scheduled to be transmitted.

31. (canceled)

32. (canceled)

33. (canceled)

34. The apparatus of claim **26**, wherein the one or more memories and the computer program code are further configured, with the one or more processors, to cause the apparatus to perform at least the following: receiving information about a pattern of the radar beam in beacon and probe response frames.

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